

PocketBeagle Expansion Headers

P1																		
SYS				VIN	1	2	87	6				AIN 3.3V	9	PRU1				
USB1		V_EN	GPIO	109	3	4	89							11	PRU1			
USB1				VBUS	5	6	5	GPIO	CS	SPI0	TX		PRU					
				VIN	7	8	2		CLK		RX		UART2					
				DN	9	10	3		MISO		TX							
				DP	11	12	4		MOSI		RX		PRU					
				ID	13	14	3.3V		SYS									
AIN 1.8V				GND	15	16	GND	SYS										
				REF-	17	18	REF+	AIN 1.8V										
				0	19	20	20	GPIO					16(in)	PRU0				
				1	21	22	GND	SYS										
				2	23	24	VOUT	SYS										
				3	25	26	12	GPIO	SDA	I2C2	TX		CAN0					
				4	27	28	13		SCL		RX							
				PRU0	7	QEP0	STRB		GPIO	117	29	30	43	TX	UART0	15		PRU1
	4		A	114	31	32	42	RX		14								
	1	PWM0	B	110	33	34	26											
PRU1	10				88	35	36	110						A	PWM0	0	PRU0	

P2																				
PWM1				A					50	1	2	59								
PWM2				B					23	3	4	58	GPIO							
UART4				RX	GPIO	30	5	6	57											
				TX		31	7	8	60											
CAN1	RX		I2C1	SCL		15	9	10	52	SYS										
	TX			SDA		14	11	12	PWR BTN											
SYS				VOUT	13	14	VIN	BAT												
				GND	15	16	TEMP													
GPIO				65	17	18	47	GPIO	STRB	QEP2	15i	PRU0								
				27	19	20	64													
				SYS				GND	21	22	46	GPIO	IDX	QEP2	14(in)	PRU0				
3.3V	23	24	44					A	QEP2	14(out)										
CAN1	RX		SPI1	MOSI		41	25	26	NRST	SYS										
	TX			MISO		40	27	28	124	GPIO	IDX	QEP0	6	PRU0						
PRU1	eCAP			CLK		7	29	30	113											
PRU0	16(in)			CS		19	31	32	112											
PRU0	15(out)	QEP2		B	45	33	34	115	B		QEP0	5								
PRU1	8	AIN 3.3V		5	86	35	36	7	AIN 1.8V											